

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A system for controlling signals to a headset having left and right earpieces, said system comprising,
an An amplifier that is coupled between a telephone and a headset, wherein the amplifier is dynamically user-configurable with user-specific transfer characteristics to pass a specific sound picture to each earpiece of the headset, and in that said transfer characteristics are dynamically adaptable in whole or part of the frequency range that represents the sound picture and independently to each ear piece and further includes a plurality of user selectable predetermined transfer characteristics located between the amplifier and the headset and selectable independently for each ear piece.
2. (Canceled)
3. (Currently Amended) An amplifier according to claim 1, wherein said user-specific characteristics include a first transfer characteristic configured to pass voice frequencies to one earpiece and a second characteristic configured to pass emergency signals to the other earpiece plurality of said characteristics.
4. (Currently Amended) An amplifier according to claim 1, wherein the telephone headset includes left and right headset earphones, and wherein one of said characteristics is fed to the left headset earpiece earphone and wherein another characteristic is fed to the right headset earpiece earphone, and wherein said system further includes a plurality of signal feeds and a prioritization circuit capable of prioritizing amongst said feeds, whereby, the presence of one signal having a priority level higher

than an other signal will block said other signal and pass said higher priority signal, so that the user will be alerted to a message of higher priority.

5. (Currently Amended) A system for controlling signals to a headset having left and right earpieces, said system comprising,

an amplifier that is coupled between a telephone and a headset, wherein the amplifier is dynamically user-configurable with user-specific transfer characteristics to pass a specific sound picture to each earpiece of the headset, and in that said transfer characteristics are independently adaptable for each ear piece and

~~An amplifier according to claim 4, wherein one of said characteristics to one earpiece is tuned primarily to transfer signals containing voice and the other is tuned primarily to transfer non-voice sounds.~~

6. (Currently Amended) A system ~~An amplifier according to claim 5~~ 3, wherein one characteristic includes a priority override which prioritizes one signal over all others and transfers said priority feed to at least one headset earpiece earphone in preference to the other feed.

7. (Currently Amended) A system ~~An amplifier according to claim 6 wherein said priority feed includes emergency signals~~ 1, wherein the user-specific transfer characteristic is Telstra Specification TT4.

8. (Currently Amended) A system ~~An amplifier according to claim 7~~ 1, wherein the user-specific transfer characteristic attenuates signals above about 1 KHz ~~wherein the emergency signals are transmitted through a transfer characteristic appropriate to such signals.~~

9. (Currently Amended) A system ~~An amplifier~~ according to claim 1, wherein the user-specific transfer characteristic attenuates signals in the frequency range of about 1 – 1.5 KHz, while the signals are amplified above about 2 KHz.

10. (Currently Amended) A system ~~An amplifier~~ according to claim 1, wherein it contains an automatic gain control of signals fed to the headset, said gain being set on the basis of a signal detected from the stationary telephone.

11. (Currently Amended) A system ~~An amplifier~~ according to claim 1, wherein the user-specific transfer characteristics contain a maximum permissible amplitude of the signal transferred to the headset in the entire transferred frequency spectrum.

12. (Currently Amended) A system ~~An amplifier~~ according to claim 1, wherein the telephone and the amplifier are interconnected by two wires, and that ~~a switch, such as~~ a bypass coupling, is coupled between the wires.

13. (Currently Amended) A system ~~An amplifier~~ according to claim 1, wherein the user-specific characteristics are configured in the amplifier as fixed circuits, where each circuit may be coupled by switches.

14. (Currently Amended) A system ~~An amplifier~~ according to claim 1, wherein a PC adapted to transfer the user-specific transfer characteristics is coupled to the amplifier.

15. (Currently Amended) A system ~~An amplifier~~ according to claim 14, wherein the coupling of the PC takes place via a USB port .

16. (Currently Amended) A system ~~An amplifier~~ according to claim 14, wherein the coupling of the PC to the amplifier is wireless.

17. (New) A system for controlling signals to a headset, having left and right earpieces, said system comprising,

an amplifier that is coupled between a telephone and a headset, wherein the amplifier is dynamically user-configurable with separate independent signals carrying separate information to each of said earpieces so that the user will receive different information in each ear.

18. (New) The system of claim 17 wherein the signal provided in to each earpiece is in a different language.

19. (New) The system of claim 17, wherein the signal provided to each earpiece is in a different dialect of the same language.

20. (New) The system of claim 17 wherein one earpiece receives audible signals from a computer while the other earpiece receives sounds from the ambient environment.

21. (New) The system of claim 17 wherein one earpiece receives audible signals from a computer game and the other receives audible signals from a co-team member playing said game.

22. (New) The system of claim 21 wherein one of said earpieces also receives audio signals from a competitor playing said gain, and wherein said signal from said

competitor is preceded by a warning signal, thereby providing a warning that differentiates signals from competitors from co-team members.

23. (New) A system for controlling signals to a headset, having left and right earpieces, said system comprising,

an amplifier that is coupled between a telephone and a headset, wherein the amplifier is dynamically user-configurable with plurality of separate independent signal feeds carrying information to said earpieces ;

a prioritization circuit capable of prioritizing amongst said feeds, whereby, the presence of one signal having a priority level higher than an other signal will block said other signal and pass said higher priority signal, so that the user will be alerted to a message of higher priority.